

ABSTRACT

PROCESS FOR RECYCLING COLORED THERMOPLASTIC MOLDED ARTICLES

5 A colorant additive composition is described as well as its use for addition to thermoplastic molding compositions, for example thermoplastic molding compositions comprising polyesters, such as polyethylene terephthalate. The colorant additive composition comprises at least one thermolabile sublimable colorant. The colorant additive composition is suitable for use in thermoplastic
10 molding compositions for making, for example, bottles which can be recycled by a recycling process which includes the step of subjecting the recycled material to elevated temperature conditions for a period of time sufficient to cause a desirable change of color by extraction of at least some of the thermolabile sublimable colorant, which extracted colorant may be recovered for re-use.

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